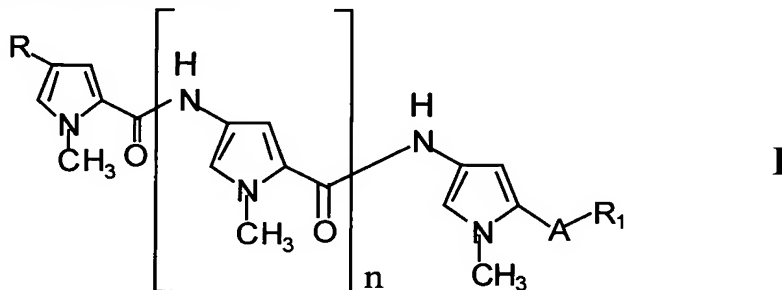


Amendment to the Claims:

1-8 (Cancelled)

9. (New) A method for prophylaxis and /or treatment of endoparasitosis in an animal, comprising administration to the animal of an effective amount of a compound having the following formula (I):



wherein:

n is 0 or an integer comprised between 1 and 5;

R is a group $R_2-X-C(=Z)-NH-$, in which X represents a simple chemical bond, an aromatic or heteroaromatic radical, Z represents an oxygen atom or the NH group;

and:

if X is a simple chemical bond, R_2 is an hydrogen atom, an alkyl, dialkylaminoalkyl, alkenyl, cycloalkyl, arylalkyl, arylalkenyl, haloalkyl, or an aromatic or heteroaromatic radical;

if X is an aromatic or heteroaromatic radical, R_2 is nitro, amino or formylamino;

or:

R is a group $R_3-C(=Z)-$, in which Z represents an oxygen atom or the NH group, and R_3 represents a hydrogen atom, the $-OR_4$ or $-NR_5R_6$ group, and where:

R_4 is chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, or an aromatic radical;

R₅ and R₆, either the same or different, are chosen from the group consisting of a hydrogen atom, an alkyl, cycloalkyl, arylalkyl, aromatic or heterocyclic radical, optionally substituted with a formylamino or a carbamoyl group; or

R₅ and R₆, joined together form an alkylene group, or the group $-(CH_2)_2-O-(CH_2)_2-$ or the group $-(CH_2)_2-NH-(CH_2)_2-$;

A represents a simple chemical bond or the group $-CO-NH-Y-$, wherein Y is an alkylene or aromatic radical;

R₁ is chosen from the group consisting of $CH_2N(CH_3)_2$, $-COOR_4$, $-B-NR_5R_6$, $-C(=NH)-NH_2$, a heterocyclic radical containing nitrogen, wherein:

R₄, R₅ and R₆ are as defined above, B represents a simple chemical bond or the $-C=O$ group, and:

when R₁ is $-B-NR_5R_6$, and B is a simple chemical bond, or when R₁ is a heterocyclic radical, A is not a chemical bond;

or a pharmaceutical acceptable salt thereof.

10. (New) The method of Claim 9, wherein the compound of formula (I) is chosen between distamycin and a compound of formula (I) wherein:

n is as previously defined;

R is the $-CONH_2$ group, A is the $-CONHCH_2CH_2-$ group, R₁ is the $-C(=NH)-NH_2$ group or the $-CH_2N(CH_3)_2$ group;

R is the $-NH-CH(=NH)$ group, A is the $-CONHCH_2CH_2-$ group, R₁ is the $-C(=NH)-NH_2$ group or the $-CH_2N(CH_3)_2$ group or the $-CONH_2$ group;

and the pharmaceutically acceptable salts thereof.

11. (New) The method according to Claim 9, wherein the endoparasitosis is chosen from Trichomoniasis, Giardiasis, Isotomoniasis, Amoebiasis, Coccidiosis, and Balantidiosis.

12. (New) The method according to Claim 9, wherein the administration is oral administration.